1	f	***	Cooneh Mouh	DD	Time stamp
3	L Number	Hits		DB	Time stamp
3 345/161 or 345/156 or 345/157 or 463/381 ccls and "rectary knob" US-PATE US-],1	2	"Joystick knob" and "rotary knob"		2004/03/21 18:29
463/38).ccls. and "stotary knob" US-PGPUB US-PGPU			//		
1	•2	33			2004/03/21 18:29
4 (43/38).ccls. and "rotary knob" and joyatick US-PGPUB U					
2	3	17			2004/03/21 18:36
US-ROPUB			463/38).ccls. and "rotary knob" and joystick	US-PGPUB	
220 345/161.ccls. USPAT;	4	2	("6154201" or "6128006").pn.	USPAT;	2004/03/21 19:09
Sat 345/161.ccls US-PGFUB 2004/03/21 19:16 Total US-PGFUB 19:16 Total US-PGFUB 19:16 Total US-PGFUB 19:16 Total US-PGFUB US-PGFUB 19:16 Total US-PGFUB US-PGFU	ł I		_	US-PGPUB	•
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7	6	585	345/161.ccls.	ľ	2004/03/21 19:16
2004/03/21 19:16	•		3 13, 2 2 3 3 3 3		
1984 joystick and feedback and actuator and rotary of the protary of the prot	7	89	(701/1 or 701/36) ccls, and joystick		2004/03/21 19:16
384 joystick and feedback and actuator and votary votary dial" with joystick USPAT;	'	0,5	(101/1 01 101/30/10010. and joyacion		2001,03,22 13.20
Trotary dial" with joystick	_	384	joystick and feedback and actuator and	1	2004/03/21 18:25
Totary dial" with joystick	_	304		}	2004/03/21 10:23
Company Comp		_		1	2002/00/21 18.52
"rotary dial".ab. and joystick.ab.	-	/	"Totaly dial" with joystick		2003/09/21 18:53
- 36 "rotary".ab. and joystick.ab. - 540 345/161.ccls. - 345/161.ccls. - 345/161.ccls. and feedback and rotary and acuator and (sensor or detector) - 372 joystick.ti. - 188 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) - 107 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) - 38 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) - 38 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) - 40 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) - 50 joystick adj knob - 41 dial adj joystick - 497 "jog dial" - 9 "joystick dial" - 9 "joystick dial" - 1 "rotary joystick" - 1 "rotary joystick" - 1 "rotary knob" and feedback - 183 "rotary knob" and feedback - 183 "rotary knob" and feedback - 1 "6067492".PN. - 1 "6067492".PN. - 1 "561253".PN. - 1 "\$561253".PN. - 1 "\$561253".PN. - 1 "\$1712660".PN. - 1 "\$25308.PN. - 1 "\$25308.PN. - 1 "\$25308.PN. - 1 "second actuator" and (feedback or haptic) and rotary and joystick and knob - 131 "rotary and joystick and knob - 231 "rotary and joystick and knob - 231 "rotary and joystick and knob - 241 "Figure 2003/09/22 15:41 - 252 "Rotary knob" and feedback or haptic) and rotary and joystick and knob - 253 "Figure 2003/09/22 15:41 - 254 "Figure 2003/09/22 15:41 - 257 "Figure 2003/09/22 15:41 - 258 "Figure 2003/09/22 15:42 - 258 "Figure 2003/09/22 15:42 - 258 "Figure 2003/09/22 15:42 - 258 "Figu					0000/00/00 00 51
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2003/09/21 19:28 2003/09/21 19:28 2003/09/21 19:28 2003/09/21 19:34 2003/09/22 11:58 2003/09/22	-	36	rotary".ab. and joystick.ab.	,	2003/09/21 19:08
1 345/161.ccls. and feedback and rotary and acuator and (sensor or detector) 15 345/161.ccls. and (feedback with rotary) 15 345/161.ccls. and (feedback with rotary) 15 345/161.ccls. and (feedback with rotary) 15 16 17 17 17 17 18 18 18 18					
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107	_	100			2003/03/22 11:38
or feedback) and (motor or acuator) (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) and "six degrees" - 50 joystick adj knob - 41 dial adj joystick - 497 "jog dial" - 9 "joystick dial" - 1 "rotary joystick" - 1 "rotary knob" - 1649 "rotary knob" - 22 "rotary knob" and feedback - 1 "6067414".PN. - 1 "6067492".PN. - 1 "558928".PN. - 1 "558928".PN. - 1 "471728".PN. - 1 "second actuator" and (feedback or haptic) and rotary and joystick and knob - 35 "second actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 1 "rotary actuator" and (feedback or haptic) and rotary and joystick and knob 2 2003/09/23 12:41		107	· · · · · · · · · · · · · · ·	1	2002/00/20 11 50
38 (joystick.ti. or 345/161.ccls.) and (haptic or feedback) and (motor or acuator) and "six degrees" US-PGPUB US-	-	107			2003/09/22 11:58
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dial adj joystick					
- 41 dial adj joystick USPAT; US-PGPUB USPAT 2003/09/22 15:18 USPAT; US-PGPUB USPAT 2003/09/22 16:46 USPAT; USPAT 2003/09/22 16:49 USPAT; USPGPUB USPAT; US	-	50	joystick adj knob		2003/09/22 15:09
US-PGPUB USPAT; US-PGPUB USPAT				US-PGPUB	
- 497 "jog dial" 9 "joystick dial" 1 "rotary joystick" 1 1 "rotary knob" 1 183 "rotary knob" and feedback 1 1 "6076414".PN. 1 1 "6076414".PN. 1 1 "5712660".PN. 1 1 "5589828".PN. 1 1 "5589828".PN. 1 1 "5589828".PN. 1 1 "5339705".PN. 1 1 "5339705".PN. 1 1 "5339705".PN. 1 1 "4271728".PN. 1 1 "4271728".PN. 1 1 "second actuator" and (feedback or haptic) and rotary and joystick and knob 1 31 "rotary and joystick and knob 1 31 "rotary and joystick and knob 1 31 "rotary and joystick and knob 1 1 "spart 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 15:18 1 2003/09/22 16:46 1 1 2003/09/22 16:46 1 2003/09/22 16:46 1 2003/09/22 16:46 1 3 2003/09/22 16:49 1 3 3 "rotary and joystick or haptic) 1 3 2003/09/23 11:51 1 2003/09/23 12:31 1 2003/09/23 12:41	-	41	dial adj joystick	USPAT;	2003/09/22 15:12
S-PGPUB US-PGPUB					
S-PGPUB US-PGPUB	-	497	"jog dial"	USPAT;	2003/09/22 15:14
Trotary joystick US-PGPUB USPAT; US-PGPUB USPAT					
Trotary joystick US-PGPUB USPAT; US-PGPUB USPAT	-	9	"joystick dial"	USPAT;	2003/09/22 15:16
- 1649 "rotary knob" US-PGPUB USPAT; US-PGPUB USPAT 2003/09/22 16:46 USPAT 2003/09/22 16:49 USPAT; uspad rotary and joystick or haptic) and rotary and joystick or haptic) and rotary and joystick and knob and rotary and joystick and knob uspad; USPAT; US				US-PGPUB	
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1649]	• • • • • • • • • • • • • • • • • • • •		
- 183 "rotary knob" and feedback US-PGPUB US-PAT 2003/09/22 16:46 US-PAT 2003/09/22 16:49 US-PAT; US-PGPUB US-PAT; 2003/09/22 17:22 US-PGPUB US-PAT; 2003/09/23 11:50 us-PGPUB US-PAT; 2003/09/23 11:51 us-PGPUB US-PAT; 2003/09/23 11:51 us-PGPUB US-PAT; 2003/09/23 12:31 us-PGPUB US-PAT; 2003/09/23 12:41	-	1649	"rotary knob"		2003/09/22 15:10
- 183 "rotary knob" and feedback USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT 2003/09/22 17:22 USPAT 2003/09/22 16:46 USPAT 2003/09/22 16:49 USPAT; US		-5.5		1	-000,00,22 13.10
- 22 "rotary knob" and feedback and joystick US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT 2003/09/22 17:22 US-PGPUB USPAT 2003/09/22 16:46 1 "6067492".PN. USPAT 2003/09/22 16:46 1 "5712660".PN. USPAT 2003/09/22 16:46 1 "5661253".PN. USPAT 2003/09/22 16:46 1 "5589828".PN. USPAT 2003/09/22 16:46 1 "5589828".PN. USPAT 2003/09/22 16:49 1 "5339705".PN. USPAT 2003/09/22 16:49 1 "4701629".PN. USPAT 2003/09/22 16:49 1 "4271728".PN. USPAT 2003/09/22 16:49 1 "4271728".PN. USPAT; 2003/09/22 16:49 1 "4271728".PN. USPAT; 2003/09/22 17:22 US-PGPUB USPAT; 2003/09/22 17:22 US-PGPUB USPAT; 2003/09/23 11:50 and rotary and joystick or haptic) and rotary and joystick and knob "second actuator" and (feedback or haptic) and rotary and joystick and knob USPAT; 2003/09/23 12:31 and rotary and joystick and knob "rotary actuator" and (feedback or haptic) USPAT; 2003/09/23 12:31 "SPGPUB USPAT; 2003/09/23 12:41	_	182	"rotary knob" and feedback		2003/09/22 15:10
- 22 "rotary knob" and feedback and joystick USPAT; US-PGPUB - 1 "6076414".PN. USPAT 2003/09/22 16:46 - 1 "6067492".PN. USPAT 2003/09/22 16:46 - 1 "5712660".PN. USPAT 2003/09/22 16:46 - 1 "5661253".PN. USPAT 2003/09/22 16:46 - 1 "5589828".PN. USPAT 2003/09/22 16:46 - 1 "5589828".PN. USPAT 2003/09/22 16:49 - 1 "4701629".PN. USPAT 2003/09/22 16:49 - 1 "4271728".PN. USPAT 2003/09/22 16:49 - 1 "4271728".PN. USPAT 2003/09/22 16:49 - 1 "8econd actuator" and (feedback or haptic) and rotary - 31 "second actuator" and (feedback or haptic) and rotary and joystick - 35 "second actuator" and (feedback or haptic) and rotary and joystick and knob - 31 "rotary actuator" and (feedback or haptic) USPAT; US-PGPUB US-PGPUB USPA		103			2003/03/22 13:16
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- 1 5825308.pn. USPAT; US-PGPUB - 414 "second actuator" and (feedback or haptic) uSPAT; US-PGPUB - 73 "second actuator" and (feedback or haptic) uSPAT; uS-PGPUB - 35 "second actuator" and (feedback or haptic) uSPAT; uS-PGPUB - 35 "second actuator" and (feedback or haptic) uSPAT; uSPAT; and rotary and joystick and knob - 31 "rotary actuator" and (feedback or haptic) uSPAT; uSPAT	[-	1			
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- 73 "second actuator" and (feedback or haptic) USPAT; and rotary and joystick US-PGPUB USPAT; 2003/09/23 11:51 US-PGPUB USPAT; and rotary and joystick and knob US-PGPUB USPAT; 2003/09/23 12:31 urotary actuator" and (feedback or haptic) USPAT; 2003/09/23 12:41					=====================================
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- 35 "second actuator" and (feedback or haptic) USPAT; 2003/09/23 12:31 and rotary and joystick and knob US-PGPUB USPAT; 2003/09/23 12:41		, 3			2003/03/23 11:51
and rotary and joystick and knob US-PGPUB "rotary actuator" and (feedback or haptic) USPAT; 2003/09/23 12:41	[<u> </u>	3 5			2003/00/23 25 35
31 "rotary actuator" and (feedback or haptic) USPAT; 2003/09/23 12:41		35			2003/09/23 12:31
and rotary and joystick and knob US-PGPUB 2003/09/23 12:41	_	34			1
j and rotary and joystick and knob US-PGPUB	-	31	"Totaly actuator" and (reedback or haptic)		2003/09/23 12:41
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Γ-		0	"rotary actuator" and "second actuator" and	USPAT;	2003/09/23 12:42
٠	•		knob and joystick and acutuators	US-PGPUB	
-	•	18	"rotary actuator" and "second actuator" and	USPAT;	2003/09/23 12:42
-	•		knob and joystick and actuators	US-PGPUB	